

SEQUENCE LISTING

(1) GENERAL INFORMATION

(i) APPLICANT: Hillman, Jennifer L.  
Shah, Purvi

(ii) TITLE OF THE INVENTION: NOVEL TUMOR SUPPRESSOR

(iii) NUMBER OF SEQUENCES: 3

(iv) CORRESPONDENCE ADDRESS:

- (A) ADDRESSEE: Incyte Pharmaceuticals, Inc.
- (B) STREET: 3174 Porter Drive
- (C) CITY: Palo Alto
- (D) STATE: CA
- (E) COUNTRY: USA
- (F) ZIP: 94304

(v) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Diskette
- (B) COMPUTER: IBM Compatible
- (C) OPERATING SYSTEM: DOS
- (D) SOFTWARE: FastSEQ for Windows Version 2.0

(vi) CURRENT APPLICATION DATA:

- (A) APPLICATION NUMBER: To Be Assigned
- (B) FILING DATE: Filed Herewith
- (C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

- (A) APPLICATION NUMBER:
- (B) FILING DATE:

(viii) ATTORNEY/AGENT INFORMATION:

- (A) NAME: Billings, Lucy J.
- (B) REGISTRATION NUMBER: 36,749
- (C) REFERENCE/DOCKET NUMBER: PF-0249 US

(ix) TELECOMMUNICATION INFORMATION:

- (A) TELEPHONE: 415-855-0555
- (B) TELEFAX: 415-845-4166

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 126 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(vii) IMMEDIATE SOURCE:

- (A) LIBRARY: THPINOT03
- (B) CLONE: 2446131

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

Met	Ser	Tyr	Lys	Pro	Ile	Ala	Pro	Ala	Pro	Ser	Xaa	Thr	Pro	Gly	Ser
1				5					10					15	
Ser	Thr	Pro	Gly	Pro	Gly	Thr	Pro	Val	Pro	Thr	Gly	Ser	Val	Pro	Ser
			20					25					30		
Pro	Ser	Gly	Ser	Val	Pro	Gly	Ala	Gly	Ala	Pro	Phe	Arg	Pro	Leu	Phe
		35					40				45				
Asn	Asp	Phe	Gly	Pro	Pro	Ser	Met	Gly	Tyr	Val	Gln	Ala	Met	Lys	Pro

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      50      55      60
Pro Gly Ala Gln Gly Ser Gln Ser Thr Tyr Thr Asp Leu Leu Ser Val
65      70      75      80
Ile Glu Glu Met Gly Lys Glu Ile Arg Pro Thr Tyr Ala Gly Ser Lys
      85      90      95
Ser Ala Met Glu Arg Leu Lys Arg Gly Ile Ile His Ala Arg Ala Leu
      100      105      110
Val Arg Glu Cys Leu Ala Glu Thr Glu Arg Asn Ala Arg Thr
      115      120      125

```

## (2) INFORMATION FOR SEQ ID NO:2:

## (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 667 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

## (vii) IMMEDIATE SOURCE:

- (A) LIBRARY: THPINOT03
- (B) CLONE: 2446131

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

```

GGCTGAGCGG CCCCAGAGCC AACCCCGAG GAGCGGCCGG CTGGCGTCCG CCGCGCCAG 60
GAGTTGGGGG TGTCTACAA ACCCATCGCC CCTGCTCCCA GCAKACCCC TGGCTCCAGC 120
ACCCCTGGGC CGGGCACCCC GGTCCCTACA GGAAGCGTCC CGTCGCCGTC GGGCTCAGTG 180
CCAGGAGCCG GCGCTCCTTT CAGACCGCTG TTAAACGACT TTGGACCGCC TTCCATGGGC 240
TACGTGCAGG CGATGAAGCC ACCCGGCGCC CAGGGCTCCC AGAGCACCTA CACGGACCTG 300
CTGTCACTCA TAGAGGAGAT GGGCAAAGAG ATCCGGCCTA CCTATGCTGG CAGCAAGAGC 360
GCCATGGAGC GCCTGAAGAG AGGTATCATC CATGCCCCGG CCCTAGTCAG AGAGTGCCTG 420
GCAGAGACAG AGCGGAACGC CCGCACGTAA CAGGAAGCGC CTCGGCCTCA GCGTCTGGAC 480
CTATCCGGCC ACTGCAGAGC ACCCGCTTCT CCCTGGCCTT CATCCCGAGT TGCCTAACC 540
ATCCTGGGCT TCCTGTCCTG TGTCCCTTGG TGGGTCCCCT CCAGGAACCA AGGAGTGGCC 600
CTCCAGGTGG CAGCACTAAG GACACCCCCC CACAACAAGA GTTAGCAGCG AGGTCCCCAT 660
GAGTCCC

```

## (2) INFORMATION FOR SEQ ID NO:3:

## (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 114 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

## (vii) IMMEDIATE SOURCE:

- (A) LIBRARY: GenBank
- (B) CLONE: 606837

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

```

Met Ser Tyr Lys Pro Asn Leu Thr Ala His Met Pro Ala Ala Ala Leu
1      5      10      15
Asn Ala Gly Ser Val His Ser Pro Ser Thr Ser Met Ala Thr Ser Ser
      20      25      30
Gln Tyr Arg Gln Leu Leu Ser Asp Tyr Gly Pro Pro Ser Leu Gly Tyr
      35      40      45
Thr Gln Gly Thr Gly Asn Ser Gln Val Pro Gln Ser Lys Tyr Ala Glu
      50      55      60
Leu Leu Ala Ile Ile Glu Glu Leu Gly Lys Glu Ile Arg Pro Thr Tyr
65      70      75      80
Ala Gly Ser Lys Ser Ala Met Glu Arg Leu Lys Arg Gly Ile Ile His
      85      90      95
Ala Arg Ser Leu Val Arg Glu Cys Leu Ala Glu Thr Glu Arg Asn Ala
      100      105      110
Arg Ser

```